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DATE MAILED: 11/28/2006

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

11/28/2006

Michael M. Rickin, Esq. ABB Inc.
Legal Department - 4U6
29801 Euclid Avenue
Wickliffe, OH 44092-2530

EXAMINER						
RAYMOND, EDWARD						
ART UNIT	PAPER NUMBER					
2857						

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/615,284	07/08/2003	Todd M. Hess	E20020410	8219

TITLE OF INVENTION: METHOD FOR PROVIDING ROBUSTNESS TO THE SOLUTION OF THE CUBIC EQUATION OF STATE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	02/28/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

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7590 11/28/2006 Michael M. Rickin, Esq. ABB Inc. Legal Department - 4U6			I S a	here States	Certi by certify that this s Postal Service wi essed to the Mail	ificate of Fee(s) 1 th suffici Stop ISS	Mailing or Transifransmittal is being ent postage for firs SUE FEE address 273-2885, on the da	deposite t class m above. o	ed with the United ail in an envelope or being facsimile ted below.
29801 Euclid Avenue Wickliffe, OH 44092								(Depositor's name)	
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APPLICATION NO.	FILING DATE	<u>, </u>	FIRST NAMED INVENT	OR		ATTORN	EY DOCKET NO.	CONFI	RMATION NO.
10/615,284 FITLE OF INVENTION: ME	07/08/2003 THOD FOR PROVI	DING ROBUSTNESS T	Todd M. Hess TO THE SOLUTION O)F TI	HE CUBIC EQUAT		20020410 STATE		8219
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nonprovisional	NO	\$1400	\$300		\$0		\$1700	,	02/28/2007
EXAMINER		ART UNIT	CLASS-SUBCLASS						
RAYMOND, EDV		2857	702-098000				···		
Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY)									
Please check the appropriate as a. The following fec(s) are su Issue Fee Publication Fee (No sma Advance Order - # of C	all entity discount pe	4b	inted on the patent): D. Payment of Fee(s): (Payment of Fee(s): (Pleas ed. card	e first reapply any . Form PTO-2038 authorized to charg	previour	ed. uired fee(s), any def	shown ab	oove)
5. Change in Entity Status (fr			☐ b. Applicant is no l	longe	er claiming SMALI	L ENTIT	Y status. See 37 CF	FR 1.27(g	(2).
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ABB Inc.	, 1		ART UNIT	PAPER NUMBER	
Legal Department - 29801 Euclid Aven Wickliffe, OH 4409	ue		2857 DATE MAILED: 11/28/200	6	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 811 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 811 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.